

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1 (Currently amended) A wearable system arranged for enabling a bioelectrical interaction with an individual when being brought into contact with the individual's skin, said system comprising a carrier, an electronic device arranged to be mounted on a the carrier, said electronic device comprising electrodes arranged to carry out said interaction, ~~characterized in that wherein~~ said electrodes are suitably shaped to enable a fixation of the electrodes on the carrier and at least a portion of each electrode extends through the carrier for facilitating the fixation of the electrodes on the carrier, said carrier being provided with receiving portions arranged to accommodate the electrodes.
2. (Currently amended) A system according to claim 1, characterized in that the electronic device further comprises electronic means arranged to operate with the electrodes in order to enable said interaction, the electrodes and the electronic means being integrated into one unit arranged to be removably attached to the carrier.
3. (Currently amended) A system according to claim 1 ~~or 2, characterized in that wherein~~ a material of the electrodes comprises conductive rubber.
4. (Currently amended) A system according to claim 1 ~~or 2, characterized in that wherein~~ a material of the electrodes comprises conductive plastic.
5. (Currently amended) A system according to ~~any one of the preceding claims 1, characterized in that wherein~~ the electrodes are button-shaped, the receiving portions of the carrier are notches of suitable dimension.

6. (Currently amended) A system according to ~~any one of the preceding claims 1~~, characterized ~~in that~~ wherein the carrier is integrated into clothing.
7. (Currently amended) A system according to ~~any one of the preceding claims 1~~, characterized ~~in that~~ wherein the bioelectrical interaction comprises a monitoring of a vital sign by means of measuring an electrical signal on the individual's skin using the electrodes.
8. (Currently amended) A system according to claim 7, ~~characterized in that~~ wherein the vital sign is a cardiac activity of the individual.
9. (New) A system according to claim 1, wherein a surface of the electrode is comprised of a first material and a remainder of the electrode is comprised of a second material.
10. (New) A system according to claim 9, wherein the first material is conductive rubber or conductive plastic.
11. (New) A system according to claim 9, wherein the second material is copper.
12. (New) A wearable electrode-carrier configuration for enabling a biological interaction of an electrode mounted on a carrier with an individual when the electrode is brought into contact with the individual's skin, comprising:
  - a carrier;
  - at least one electrode suitably shaped to enable a fixation of the electrode on the carrier;
  - and
  - receiving portions arranged to accommodate the electrode;
  - wherein a portion of the electrode is disposed on at least one side surface of the carrierwhen the electrode is fixated to the carrier, the electrode portion projecting away from the surface of the carrier for facilitating a substantially non-planar surface of the electrode portion being brought into contact with the individual's skin.

13. (New) The configuration according to claim 12, further comprising electronic means arranged to operate with the electrodes in order to enable said interaction, the electrodes and the electronic means being integrated into one unit arranged to be removably attached to the carrier.
14. (New) The configuration according to claim 12, wherein a material of the electrodes comprises conductive rubber.
15. (New) The configuration according to claim 12, wherein a material of the electrodes comprises conductive plastic.
16. (New) The configuration according to claim 12, wherein the electrodes are button-shaped.
17. (New) The configuration according to claim 12, wherein a surface of the electrode is rounded off for facilitating immobilization of the electrode with respect to the individual's skin.
18. (New) The configuration according to claim 12, wherein a surface of the electrodes is comprised of a first material and a remainder of the electrode is comprised of a second material
19. (New) The configuration according to claim 12, wherein the first material is conductive rubber or conductive plastic.
20. (New) The configuration according to claim 12, wherein the second material is copper.